



54275.8005.US03.ST25.txt
SEQUENCE LISTING

<110> ZENGEN, INC.
Catania, Anna P.
Lipton, James M.

<120> A COMPOSITION AND METHOD OF TREATMENT FOR UROGENITAL CONDITIONS

<130> 54275.8005.US03

<140> US 10/659,053
<141> 2003-09-08

<150> US 09/535,066
<151> 2000-03-23

<150> US 60/126,233
<151> 1999-03-24

<150> US 10/442,683
<151> 2003-05-21

<150> US 60/382,887
<151> 2002-05-21

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<170> PatentIn version 3.1

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<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 1

Lys Pro Val
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anti-fungal, and anti-viral properties.

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Met Glu His Phe Arg Trp Gly
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<210> 3
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anti-fungal, and anti-viral properties.

<400> 3

His Phe Arg Trp Gly Lys Pro Val
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<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/naturally occurring peptide.

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Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val
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anti-fungal, and anti-viral properties.

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Cys Lys Pro Val
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<223> C-terminal sequences of alpha-MSH/Cys is DCys.

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Trp Cys Lys Pro Val
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<210> 7
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<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/Cys is hCys.

<400> 7

Arg Trp Cys Lys Pro Val
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<210> 8
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/Cys is DhCys.

<400> 8

Cys Lys Pro Val
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<210> 9
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<212> PRT
<213> Homo sapiens

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<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/naturally occurring peptide.

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Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
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Arg Arg Pro Val Lys Val Tyr Pro Ala Gly Glu Asp Asp Glu Ala Ser
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Glu Ala Phe Pro Leu Glu Phe
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<210> 10
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<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

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Ala Phe Pro Leu Glu Phe
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<223> Oligonucleotide probes for NF-kB.

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<223> Oligonucleotide probes for NF-kB.

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Gly Lys Pro Val
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<223> Designed polypeptide with anti-inflammatory, anti-microbial,
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Trp Gly Lys Pro Val
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<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

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Arg Trp Gly Lys Pro Val
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